# NC HEALTHCONNEX CLINICAL PORTAL

# NC\*NOTIFY QUICK REFERENCE GUIDE



NORTH CAROLINA
HEALTH INFORMATION EXCHANGE AUTHORITY (NC HIEA)



NC\*Notify is a subscription-based service that notifies providers as their patients receive services across the care continuum. Based on admission, discharge, and transfer (ADT) data received from more than 100 participating hospitals plus encounter data from more than 6,000 ambulatory care settings, the NC\*Notify real-time event notifications provide care teams with valuable information that spans geography and care settings and support state and federal efforts to focus on patient centered care.

Note, the information contained within this quick reference guide is specific to interacting with NC\*Notify V4/V4+ and the NC HealthConnex Clinical Portal. See the technical specifications here for additional information on V4/V4+.

## ACCESSING NC\*NOTIFY IN THE NC HEALTHCONNEX CLINICAL PORTAL

Full participants who have enrolled in the NC\*Notify V4+ service will find the NC\*Notify event notification and care coordination tool within the NC HealthConnex clinical portal. This tool will provide participants with a dashboard-like view of patient activity through event notifications. See below for more details about how to access NC\*Notify event notifications.

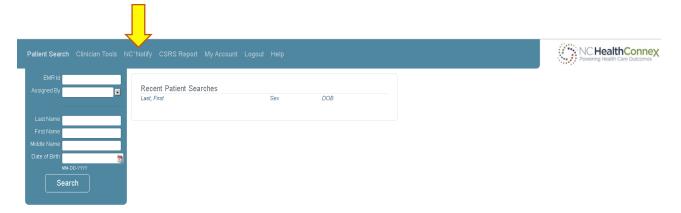
\*Patient data in this guide is from our demo environment. No real patient data is displayed.

\*Note: Cookies must be enabled within the browser to view notifications.

### **Viewing Notifications**

Log in to the clinical portal at <a href="https://portal.nchealthconnex.net">https://portal.nchealthconnex.net</a> using your assigned credentials.

To conduct a search or find a list of your organization's notifications, click the NC\*Notify menu item near the top of your screen.

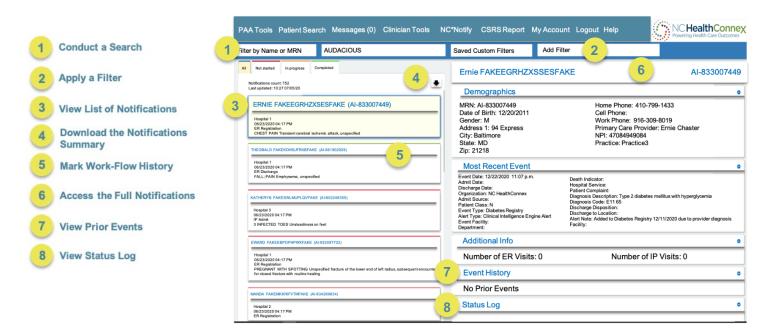


If you are not a NC\*Notify subscriber, the screen below will appear with directions on how to enroll, along with an overview of the NC\*Notify service:





If you have been granted access to NC\*Notify notifications via the clinical portal, the screen below will appear. The screenshot shown provides a brief overview of each section.



## Learn More About Each NC\*Notify Care Coordination Feature

## 1 Conduct a Search

A user may use the search box to filter results by patient name, Medical Record Number (MRN) or Patient ID. The Patient ID or MRN is pulled from the patient panel submitted by the Participant. If a user prefers to search for the MRN of the source facility (i.e., where the event took place), he/she may use the Add Filters drop-down and apply a filter for Source MRN.



## <sup>2</sup> Apply a Filter

There are a variety of filter options that may be used to improve the view of notifications. First, if a user has access to more than one participant's notification panels (i.e., if he/she has submitted more than one patient panel), he/she may click the Participant drop-down to see notifications from a single panel or all panels combined. Additionally, a user may filter by specific data elements in the notification using the Add Filters drop-down (e.g., number of ER Visits, Diagnosis, Chief Complaint, PCP, Event Type). This feature allows the user to apply specific search criteria to the notifications view. For example, a user could search for frequent ED utilizers with filters for Patient Class = Emergency (E), Event Type = Discharge (AO3), and Number of ER visits > 3.



#### **View List of Notifications**

The notifications preview provides a quick summary of the following items:

- Gender
- Name
- MRN/Unique identifier assigned by you (the Participant)
- The date and time of the encounter/event
- The notification event type
- The Patient Complaint followed by the Diagnosis (if provided)

In the latest version of the service, available February 2021, several new subscription options are available for advanced alerting criteria. In addition to receiving encounter events, subscribers may now receive several new alert types. By default, these alerts may be triggered for the patients on the existing panel by simply enrolling for the additional use case. Alternatively, the subscribers may provide a panel for each additional use case. This will require coordination of the filenames with the NC\*Notify team to ensure the panels are processed to the correct use case.

#### **COVID Labs**

Subscribers to NC\*Notify v4.0+ may receive notifications of any qualifying COVID-19 lab results, including positive, negative, and other. These lab results are reported to NC Division of Public Health (NC DPH) and routed to NC HealthConnex for distribution. The result will indicate the type of test and the result, in addition to other details.

#### **ED Reutilizer**

This alert is triggered when a patient registers at an emergency department (ED) within 30 days from a previous ED visit. The alert may be sent to either the original ED or the one the patient is currently visiting. These alerts do not require a panel, but are limited to subscribers who have a qualifying ED within their organization.

#### **High Utilizer**

This notification will help providers identify frequent visitors to the Emergency Department (ED) or patients that are at high risk for readmission due to recurring inpatient visits.



Subscribers to this alert will receive notification when their patients have two or more visits to the ED in 90 days or less. They will also receive notification for patients with four or more admissions in 12 months.

#### **Dental Alert**

This notification is triggered when the primary diagnosis of an Emergency Department (ED) visit is dental related.

#### Clinical Intelligence Engine (CIE) Alerts

This series of alerts is triggered from changes in data that are stored in the NC HealthConnex database. These alerts may each be subscribed to independently.

#### 1) Diabetes Registry Addition

Subscribers to this alert are notified when one of their patients has a new diagnosis of diabetes. The diagnosis must be the first instance of the disease received by NC HealthConnex for the patient and have a diagnosis date within the last 30 days. This alert indicates a patient who is potentially eligible for the diabetes registry in NC HealthConnex which is used by NC DPH. The subscriber is only alerted once when a patient is first added to the registry.

#### 2) Pre-Diabetes Alert

Subscribers to this alert are notified when one of their patients has a new diagnosis of pre-diabetes or a glycated hemoglobin (HbA1c) value in the pre-diabetic range (5.7 -6.4). The diagnosis must be the first instance of the disease received by NC HealthConnex for the patient and have a diagnosis date within the last 30 days. The HbA1C result must be within the last 30 days. Patients with a diabetes diagnosis will not trigger this alert. The subscriber is only alerted once when a patient is first added to the registry.

#### 3) Chronic Care Management (CCM)

Subscribers will receive an alert when a patient has two or more conditions from the Centers for Medicare and Medicaid Services (CMS) Chronic Care Management (CCM) list. At least one of the qualifying diagnoses must have a diagnosis date within the last 30 days. The subscriber is only alerted once when a patient is first added to the registry.

In addition to these new alerts, enhanced Place of Service information will now include (when available) the Organization, Facility, and Department for the health care organization where a patient received medical care.

## Download the Notifications Summary

One of the buttons in the upper right corner of the notifications preview section is the download button. This allows you to download all notifications or a list of notifications that have been selectively filtered (up to a maximum of 500 notifications). The downloaded notifications are



saved as a comma-separated file (.csv), which will open in Microsoft Excel. This feature allows the user to download notifications at any time based on his/her selected criteria and share data with outside users or care teams, add additional data to the spreadsheet, and more.

## <sup>5</sup> View Work-flow Status

The NC\*Notify dashboard within the clinical portal has three basic work-flow statuses (Not Started, In Progress, and Completed) to allow users to track actions taken during care coordination. Each status corresponds to the respective tab in the notifications preview screen and will also be recorded in the Status Log section of the full notification view.

## 6 Access the Full Notification

When a notification is selected from the list, a detailed view will display information from the ADT (admission, discharge, transfer) message and the patient panel submitted by the Participant. This includes key demographic and event information including, but not limited to:

- Name
- Patient ID or MRN
- Date of Birth
- Address
- Number of IP and ER Visits (last 6 months)
- Number of IP and ER Visits (last 6 months)
- Recorded Event Date and Time
- Patient Class (e.g., ER, IP, OP)
- Event Type (e.g., Admit, Discharge)
- Event Location
- Patient Diagnosis
- Discharge Disposition
- Discharge Location
- Patient Complaint
- Admit Source

### View Prior Events

At the bottom of the detailed notification view, the event notification service displays a list of historical events for the patient. The Event History begins when the Participant goes live on NC\*Notify (when the first patient panel/roster was submitted). Each prior event is populated by information from the Admission Discharge Transfer (ADT) messages that are received.

## 8 View Status Log

A Status Log section is displayed below the Most Recent Event and/or Additional Information sections of the detailed notification view. This section provides a history of actions taken by users



when changing the status. Each entry will record the username, date and time, and which workflow status was set for the notification.

#### **Logging Out**

To log out of NC\*Notify and the clinical portal, click the logout menu item at the top of the screen and close the browser tab.

#### UPLOADING A PATIENT PANEL IN NC HEALTHCONNEX CLINICAL PORTAL

#### What is Self Service Panel Loader?

Self-Service Panel Loader (SSPL) is a panel management tool available to a user who is assigned the %HS\_NCNotify\_SSPL role. SSPL provides an easy, fast, and convenient method for submitting panels for practices. Users will receive an immediate response when panels are loaded.

#### Step 1

- Hover over NC\*Notify on the menu bar.
- Click Upload Panel.

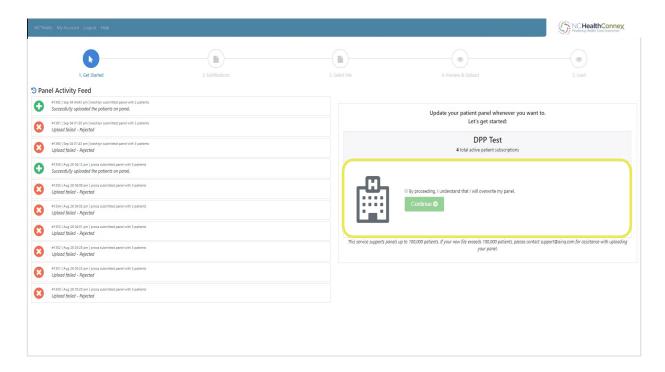


On the default screen you will notice your panel activity feed.

The left-hand side of the screen will show the user the status of the panel and whether it was loaded successfully.

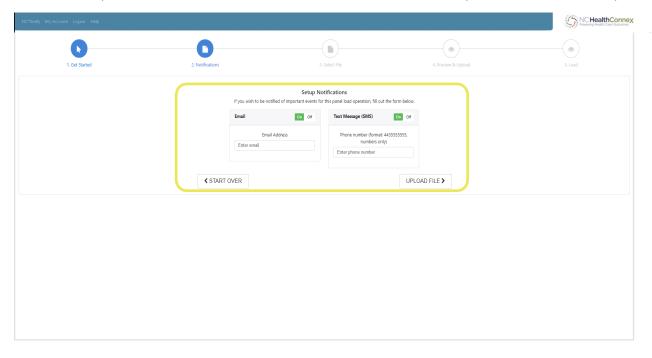
To proceed with uploading your panel, click the check box (By proceeding, I understand that I will overwrite my panel) and click Continue.





Push Notifications- Turn on the email or text notification to be notified once panel loading is complete.

Enter the email or phone number to receive notifications. Click on "upload file" to attach panel.





Patient Panel Template: To retrieve the most updated Patient Panel Template, click the "Download Template File" link to download a panel template.

To ensure panels are loaded successfully, verify all required fields are populated:

- MRN
- First Name
- Last Name
  - o Note: \_ or \$ are useable, but ascii characters or blank patient id are not valid
- Address 1
- City
- State
- Zip
- Birth Date (MM/DD/YYYY)
- Gender

Ensure all information is in the correct format:

Click "View Formatting Information link" for each field

Additional details on the file naming structure will be provided by the technical team during onboarding.

o Example: ENS\_TEST-1-z-09-23-2019

File must be saved as:

.CSV prior to uploading

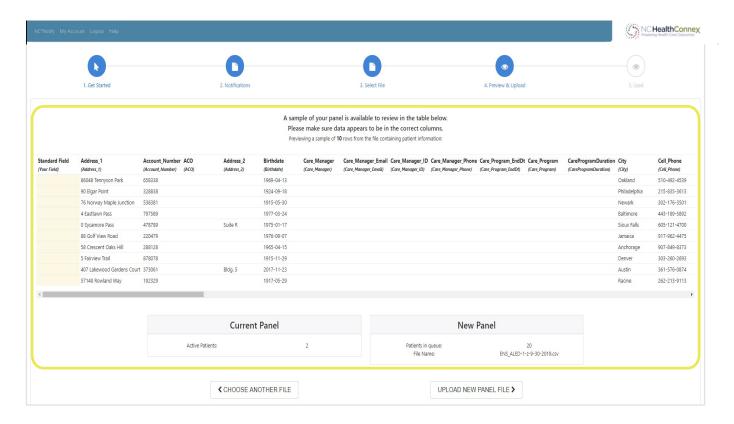
#### Step 4

After attaching the file, the system will give the user a preview of the rows to be loaded.

Review the fields to ensure the headings match the data. Confirm the number of new patients that will replace your current patient panel and the correct naming convention.

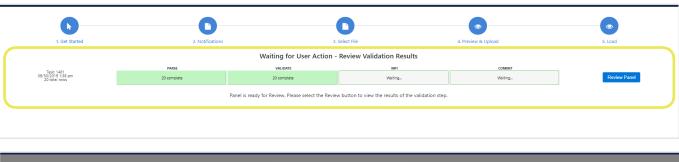
Click on Upload New File.

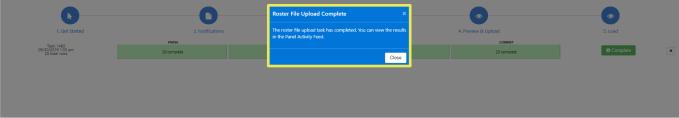




A status bar will appear showing the progress of the upload.

Once the panel is loaded successfully, the "roster file upload complete" notification will appear. Click the close button to proceed.





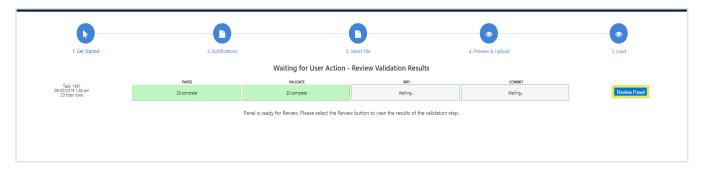


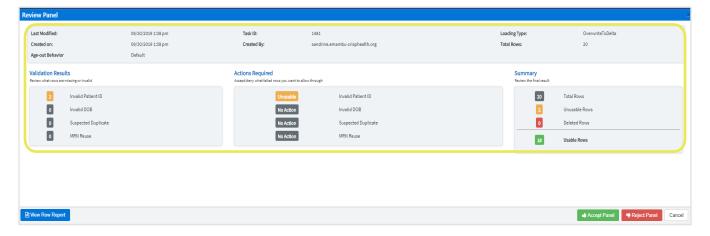
Panel Size	Average Upload Time	
80 - 120 patients	8 minutes	
900 - 1,100 patients	18 minutes	
7,000 - 14,000 patients	25 minutes	
95,000 - 105,000 patients	1hr 27 minutes	

Review Panel: Some panels may require additional review prior to upload completion.

To review, click the "Review Panel" button.

The review button will show the number of rows that must be reviewed.

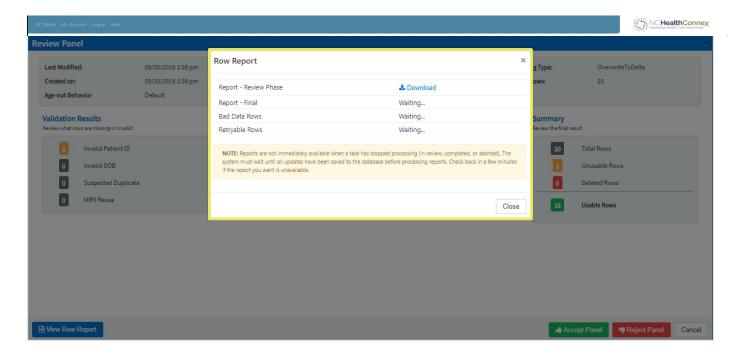




#### Step 7

Click the "View Row Report" button, then select the Download link to view specifics rows within the panel requiring additional review.

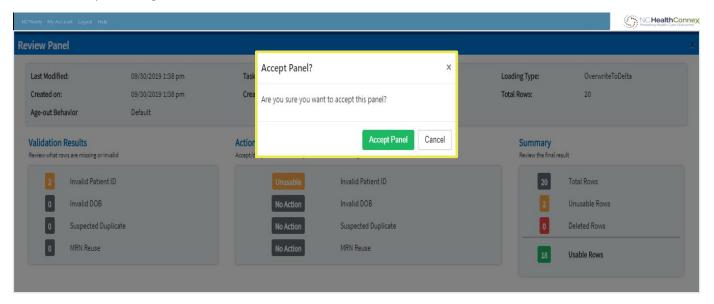




After reviewing the report, select the thumbs up button to accept or the thumbs down button to reject the panel.

Accepting the Panel = Panel will be uploaded without the rows with errors.

Rejecting the Panel/Cancel = Upload task will be cancelled, allowing user to make corrections before re-uploading.



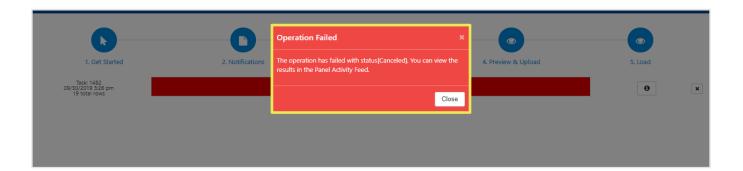


If a panel fails after the review and loading stage:

- 1. Go to the Panel Activity Feed
- 2. Find the Panel Fail Notification
- 3. Click on the X button on the notification
- 4. Review rows and failure reasons by clicking on the View Row Error Report button

#### Common reasons a panel may fail:

- 1. File is not saved as .CSV format
- 2. Headers/Column Names in Patient Panel Tablet have been altered.
- 3. A Patient Panel Template is downloaded and used without modification.
- 4. File naming convention is incorrect



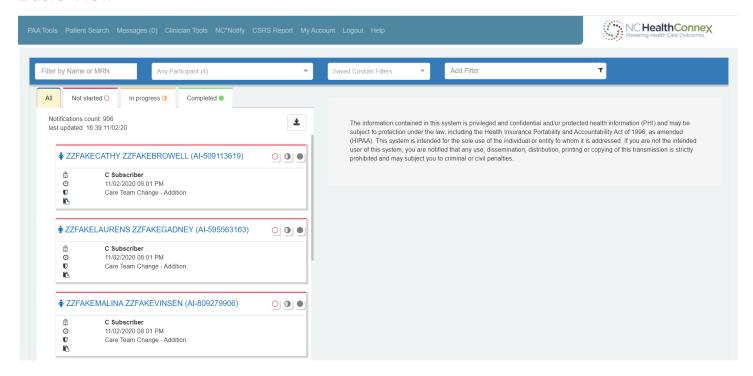
#### Step 10

Confirmation: The System will send a confirmation email or text to the user after every successful upload, if the user provided contact information in Step 2.



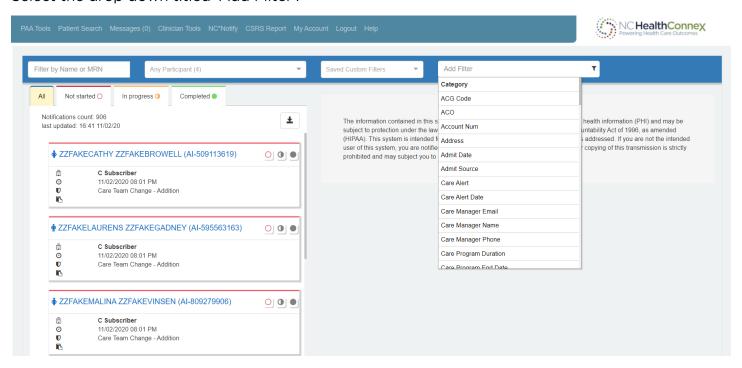
#### CREATING FILTERS IN THE NC\*NOTIFY DASHBOARD

#### **Basic View**



#### Step 1

#### Select the drop down titled 'Add Filter':





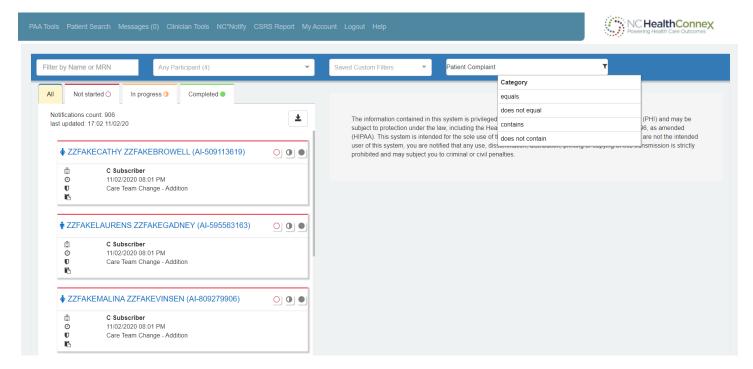
## **Filter Options**

	Ot	otions	
Account Num	Criteria 1	Hospital Service	Point of Care
ACG Code	Criteria 2	IHP	Practice Name
ACO	Criteria 3	IHP Clinic Name	Primary Care Provider
Address	Current Homeless Flag	IHP Clinic NPI	Prob Admit in 6 Months
Admit Date	Date of Birth	IHP Identifier	Prob High Rx Cost
Admit Source	Date of Death	IHP Provider Name	Prob High Total Cost
Alert Note 1	Death Indicator	IHP Provider NPI	Prob IP Hospitalization
Alert Type	Department	Insurance	Provider Seen Most
Care Alert	Diagnosis Code	Insurance ADT	Provider Seen Most NPI
Care Alert Date	Diagnosis Description	Last Name	Race
Care Manager Email	Discharge Date	Location	Rec. Phone Number
Care Manager Name	Discharge Disposition	мсо	Recent Homeless Flag
Care Manager Phone	Discharge to Location	Message 1	Resource Util. Band
Care Program Duration	Ethnicity	Message 2	Risk Methodology 1
Care Program End Date	Event Date	Message 3	Risk Methodology 2
Care Program Id	Event Facility	Middle Name	Risk Methodology Des1
Care Program Name	Event Type	MRN	Risk Methodology Des2
Care Program Start Date	Facility	NPI	Risk Score 1
Care Team Changed	First Name	Number of ER Visits	Risk Score 2
Cell Phone	Frailty Flag	Number of IP Visits	Source MRN
Chronic Condition Count	Full Name	Patient Class	State
City	Gender	Patient Complaint	Unique Providers Seen
Clinic Name	Group	Patient Complaint Code	Waivers
Clinic NPI	High Risk Unexpected Rx	Patient Location Description	Work Phone
Coordination Risk Ind.	Home Phone	Patient Location Facility	Zip Code



To search for a patient presenting with COVID or COVID symptoms, follow the steps below. Select a Filter (Patient Complaint)

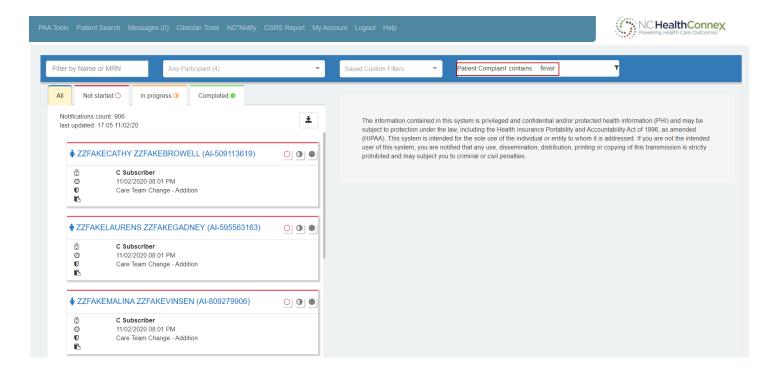
Once selected, choose category from pop up box (Contains)



#### Step 3

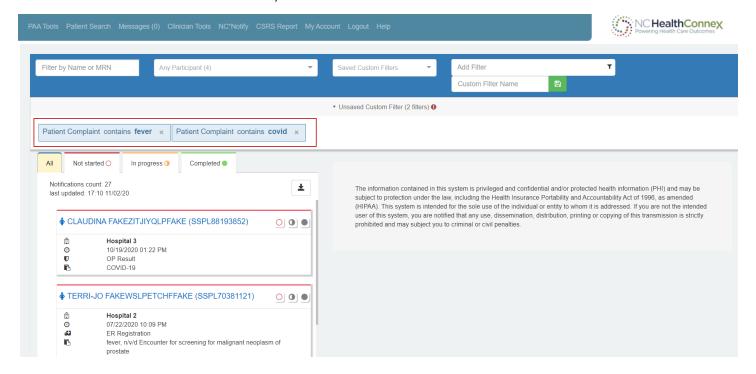
- Type a name of virus (COVID) or COVID symptom
- Press Enter





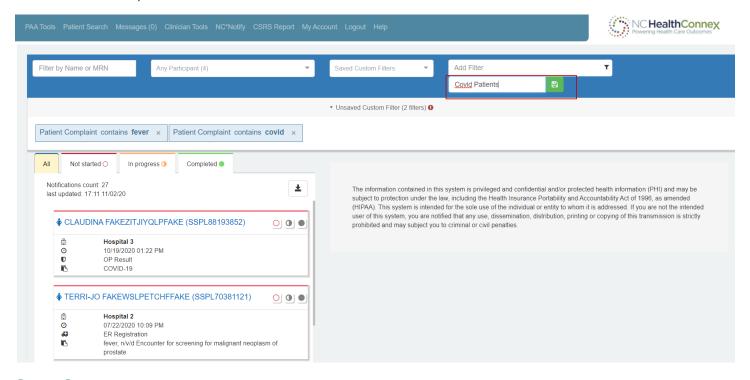
The only Notifications displayed will be patients who presented with 'COVID' and/or 'Fever' as their chief complaint:

- \* Filter can contain multiple filters as shown below (treated as 'Or')
- \*The notification with fever as the complaint is not related to COVID



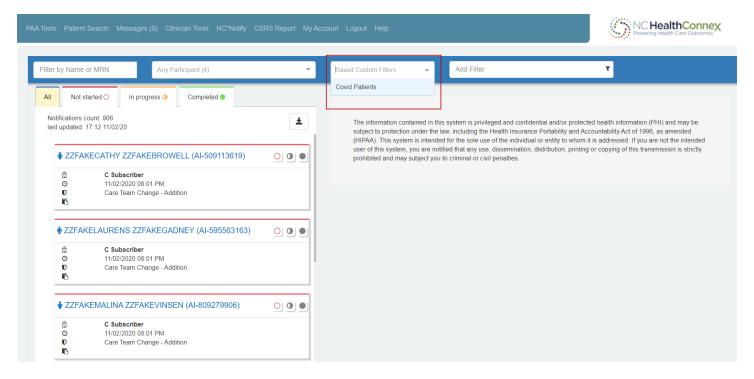


To save the filter, enter a filter name in the box labeled 'Custom Filter Name':



#### Step 6

Select the green 'Save' button to the right of the text and the saved filter name will become available from the 'Saved Custom Filters' button.



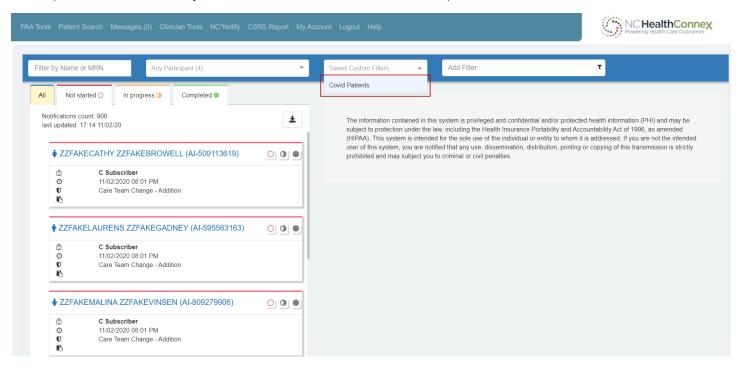


#### VIEWING NOTIFICATIONS FROM SAVED FILTERS

#### Step 1

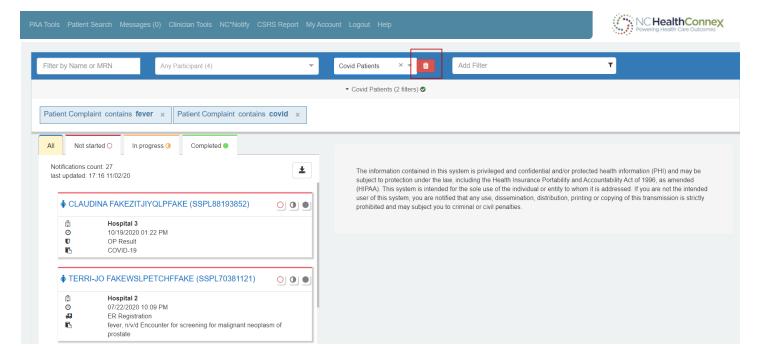
Select the filter from the pull-down menu to apply the filter:

\* Multiple custom filters may be saved and will be available in the pulldown 'Saved Custom Filters' menu



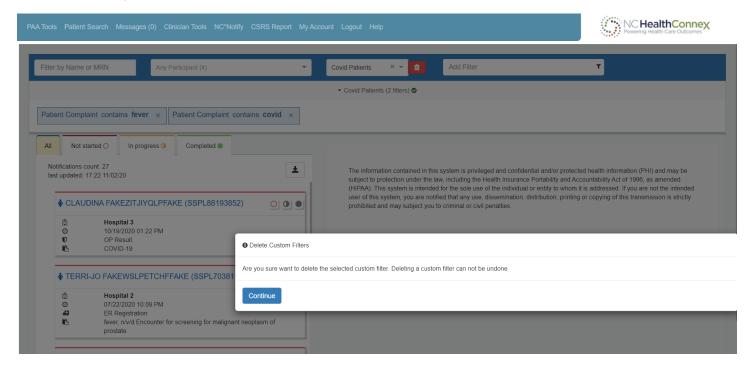
#### Step 2

After selecting a filter, the 'trash can' icon may be used to delete the filter:





To alter a filter, the filter can be removed and re-saved:



#### **Questions?**

- Access the NC HealthConnex Clinical Portal here.
- The full NC HealthConnex Clinical Portal User Guide is available here: https://hiea.nc.gov/documents/nc-hiea-primary-provider-user-guide
- For additional assistance, please contact the Help Desk by emailing <u>HIESupport@sas.com</u> or call 919-531-2700.